

Abstract

A solenoid valve (2), in particular for a fluid-regulated heating and/or cooling system, including a valve housing (4) having at least one feed channel (6) and at least one discharge channel (8) and an electromagnetically switched valve member (10) which establishes the connection between the feed channel (6) and the discharge channel (8) in one switch position and blocks it in the other switch position. The valve member (10) is rigidly connected to an armature (26) which may be moved by displacing fluid in a guide bushing (36) of a magnet coil (22), the guide bushing being inserted into an expanded part of an opening (24) of the magnet coil (22) which is delimited by an annular shoulder (44). A damping disk (50) surrounding the armature (26) is situated between the annular shoulder (44) and an adjacent face end (42) of the guide bushing (36).

(Figure 1)